植 物 分 类 学 报 32 (3): 268—270 (1994)
Acta Phytotaxonomica Sinica

西藏耳蕨属一新种*

孔宪需　　立石庸一
(中国科学院成都生物研究所，成都 610015)　　(日本国东北大学理学部生物学教室　仙台)

A NEW SPECIES OF *POLYSTICHUM* (ASPIDIACEAE) FROM XIZANG (TIBET)

Kung Hsian-shiu
(*Chengdu Institute of Biology, Academia Sinica*, Chengdu 610015)

Yoichi Tateishi
(*Biological Institute, Faculty of Science*, Tohoku University, Sendai, Japan)

Key words *Polystichum*; *P. tangmaiense*

关键词 耳蕨属；通麦耳蕨

通麦耳蕨 新种

Polystichum tangmaiense H. S. Kung et Y. Tateishi, sp. nov.

Species nova *P. discreto* (Don) J. Sm. proxima, sed magnitudine minore, lamina late lanceolata vel late oblanceolata, pinnula subrhomboidea vel oblique oblonga differt.

Tota planta c. 25 cm alta. Rhizoma erectum, paleis brunneis, lanceolatis dense obtectum. Frondes caespitosae; stipes 5—8 cm longus, stramineus, paleis brunneis, lanceolatis linearisque, margine denticulatis dense obtectus; lamina late lanceolata vel late oblanceolata, 24—28 cm longa, 5—7 cm lata, apice acuminata, deorsum gradatim angustata, bipinnata; pinnae 24—26-jugae, alternae patentes vel leviter ascendentes, lineari-lanceolatae, medianae 3—4 cm longae, 8—14 mm latae, pinnatae; pinnulae 6—8 jugae, alternae, leviter ascendentes, subsessiles, subrhomboideae vel oblique oblongae, 3—8 mm longae, 3—5 mm latae, apice acutis, margine supero paucidentatis, dentibus apice acutis, inferno pluries pauci-aristatis, basi oblique cuneatae, antice triangulari-auriculatae; pinnula basali anteriore paulo majore; pagina frondis textura firme chartacea, subtus laxe brunneo-fibrillosa; vennae pinnatae, supra obscurae, subtus leviter elevatae; rhaches rhachillaeque stramineae, subtus brunneo-fibrillosae. Sori rotundi 3—6 pro pinnula; indusia rotunda, peltata.

---

* 1992-05-27 收稿。

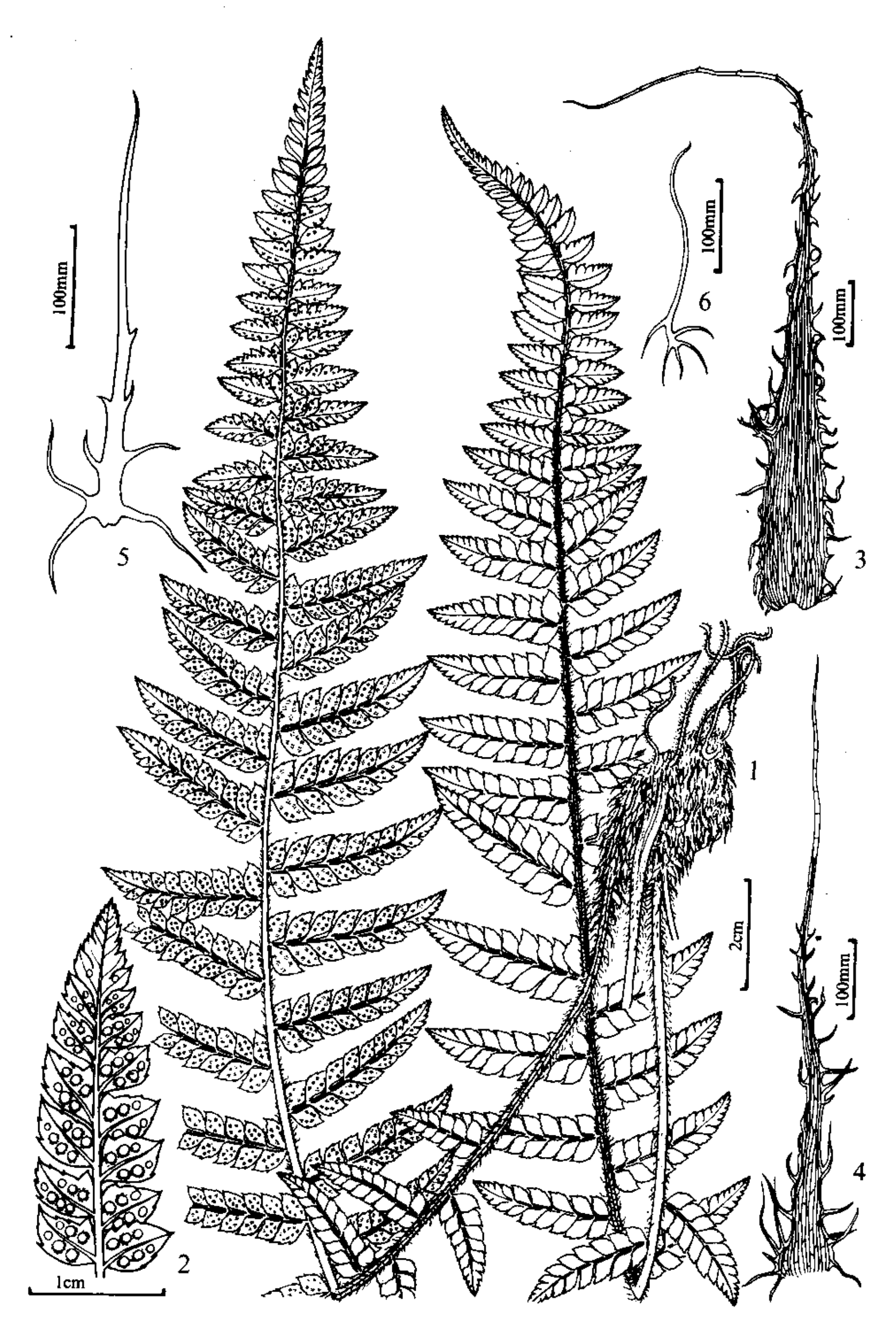


图 1　通麦耳蕨

1. 植株；2. 羽片；3. 叶柄基部鳞片；4. 叶柄鳞片；5. 叶轴鳞片；6. 小羽片下面的纤毛状鳞片。（陈箋绘）

Fig. 1　Polystichum tangmaiense sp. nov.

1. plant; 2. pinna; 3. scale at the base of stipe; 4. on stipe scale; 5. scale on rachis;
6. fibrilla on the lower surface of pinnula.

植株高约 25 cm。根茎直立，密生披针形棕色鳞片。叶簇生；叶柄长 5—8 cm，禾杆色，密生披针形及线形棕色鳞片，鳞片边缘有齿；叶片阔披针形或阔倒披针形，长 24—28 cm，宽 5—7 cm，先端渐尖，向基部渐变狭，二回羽状；羽片 24—26 对，互生，平展或略斜向上，线状披针形，先端尖，基部宽楔形，中部的长 3—4 cm，宽 8—14 mm，羽状；小羽片 6—8 对，互生，略斜向上，近无柄，近菱形或斜矩圆形，长 3—8 mm，宽 3—5 mm，先端尖，上侧边缘有粗齿，齿端刺状，下侧常有芒状齿，基部斜楔形，上侧有三角形耳状突起，基部上侧一片较大；叶片坚纸质，背面有棕色纤毛状鳞片；叶脉羽状，腹面不明显，背面略隆起；叶轴及羽轴禾杆色，背面有棕色纤毛状鳞片。孢子囊群圆形，每个小羽片 3—6 个；囊盖圆形，盾状。

本种与 *P. discretum* (Don) J. Sm. 相近，但植株较小，叶片阔披针形或阔倒披针形，小羽片近菱形或斜矩圆形而不同。

Xizang (西藏 Tibet): Tangmai (通麦) alt. 2000 m, Bomi (波密) T. Naito, K. Y. Lang (郎楷永), Y. Tateishi & B. S. Li (李渤生) 871 (Typus, PE; Isotypus TUS) 1986. 05. 12.